

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A ~~E~~ concentrator photovoltaic generator, comprising at least one photovoltaic cell ~~(104)~~ covered by a transparent protection layer ~~(102)~~ and a reflecting concentrator ~~(106)~~, characterized in that the concentrator ~~(106)~~ is covered by a filter ~~(206, 306)~~ to eliminate in the luminous flux ~~(208)~~ reflected by the concentrator ~~(106)~~ toward the photoelectric cell ~~(104)~~ most of the "unwanted" radiation ~~(218)~~ that is not able to excite the photovoltaic cell ~~(104)~~.

2. (Currently Amended) A ~~G~~ generator according to claim 1, characterized in that the filter is formed of a layer ~~(306)~~ made from materials absorbing the "unwanted" portion of the radiation.

3. (Currently Amended) A ~~G~~ generator according to claim 2, characterized in that the layer ~~(306)~~ forming the filter is of constant thickness.

4. (Currently Amended) A generator according to claim 1, characterized in that the filter-(206) is formed of a layer whose exterior face-(116) is oriented to divert this "unwanted" radiation-(218) out of the voltaic cell-(101).

5. (Currently Amended) A generator according to claim 4, characterized in that the transparent layer-(206) is of decreasing thickness so that its exterior face-(116) is not parallel to the reflecting surface of the concentrator-(106).

6. (Currently Amended) A generator according to either claim 4, characterized in that the exterior face of the transparent layer forming the filter-(206) is etched to form Fresnel steps.

7. (New) A generator according to claim 1, wherein said filter is formed of a material reflecting the "unwanted" portion of the radiation.

8. (New) A generator according to claim 7, wherein said reflecting concentrator reflects incident light toward said photoelectric cell.

9. (New) A generator according to claim 1, wherein said reflecting concentrator reflects incident light toward said photoelectric cell.